20012D-SD0720D1

FIG. 1

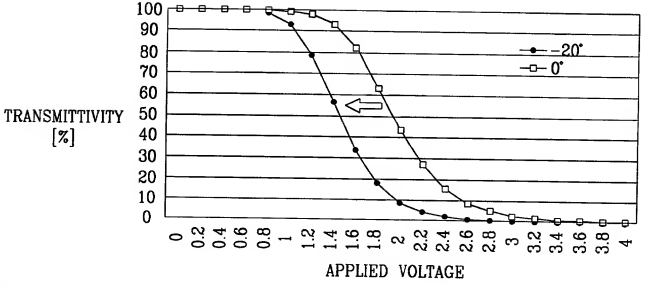
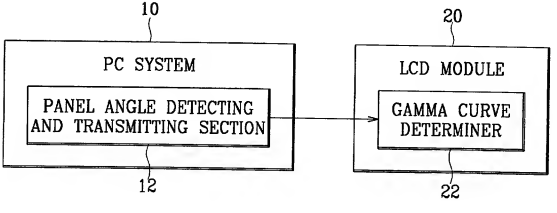


FIG. 2



20070205 .02:09:02

FIG.3

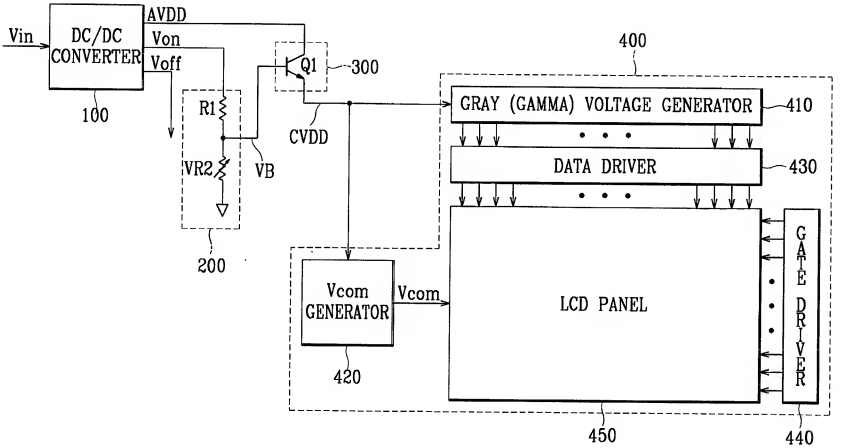


FIG.4

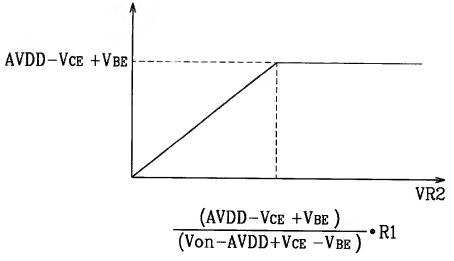
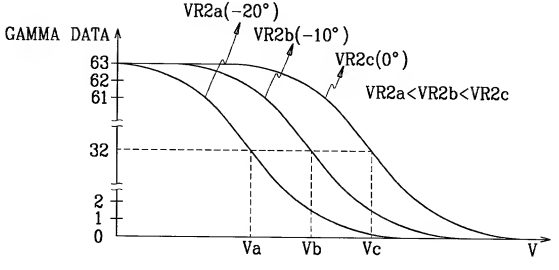

AVDD−VCE +VBE
VR2
(AVDD−VCE +VBE)
(Von−AVDD+VCE −VBE)
•R1

FIG.5


VR2a(−20°)
VR2b(−10°)
VR2c(0°)
GAMMA DATA
63
62
61
32
2
1
0
VR2a<VR2b<VR2c
Va
Vb
Vc
V

20070055 "20161208"

FIG.6

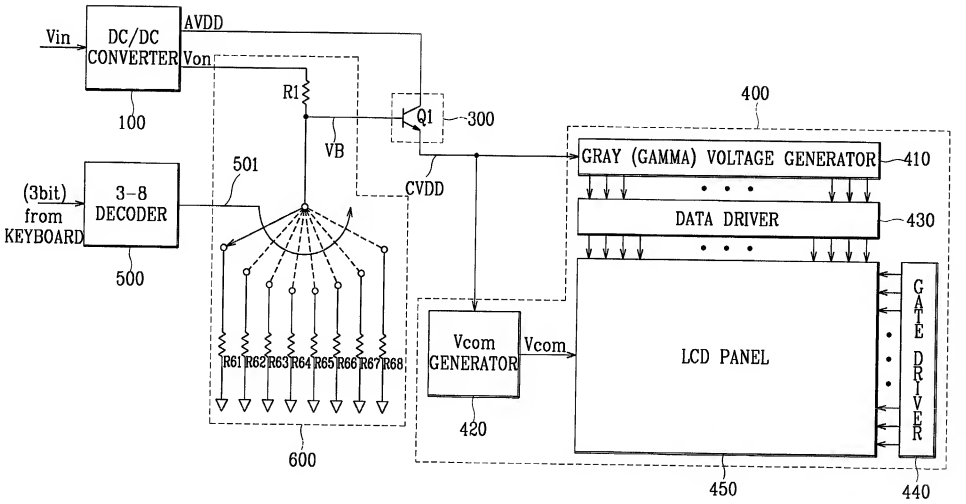
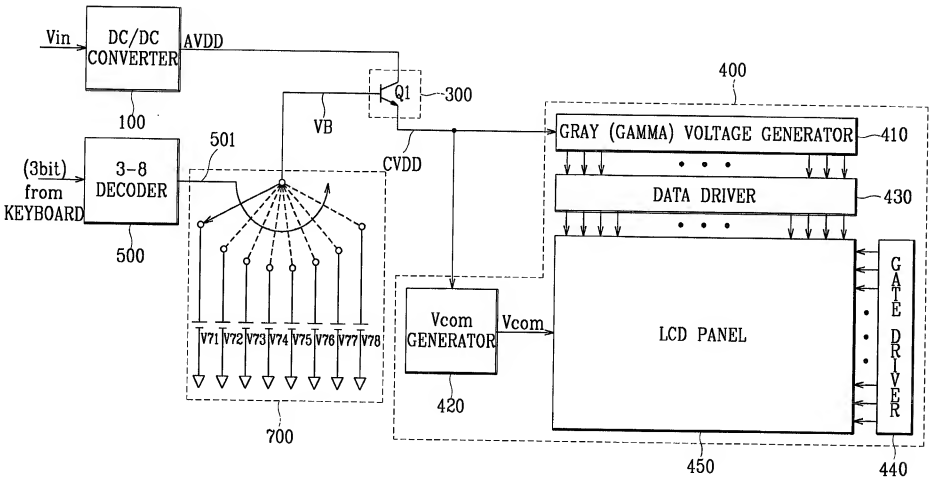


FIG.7


Vin
DC/DC CONVERTER
AVDD
100
Q1
300
VB
CVDD
400
GRAY (GAMMA) VOLTAGE GENERATOR
410
501
(3bit) from KEYBOARD
3-8 DECODER
500
DATA DRIVER
430
V71
V72
V73
V74
V75
V76
V77
V78
Vcom GENERATOR
Vcom
LCD PANEL
GATE DRIVER
420
700
450
440

20070205 SSO27001

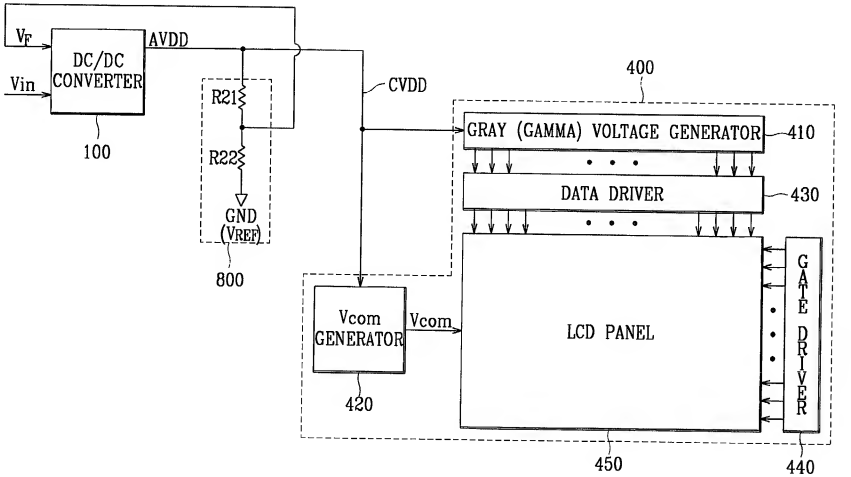



FIG.8